Schiff Hardin & Waite
Inventor(s) Fracking auert

Sheet / of // Case No. 903,022

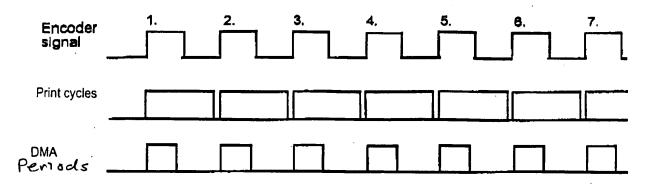


Fig. 1a

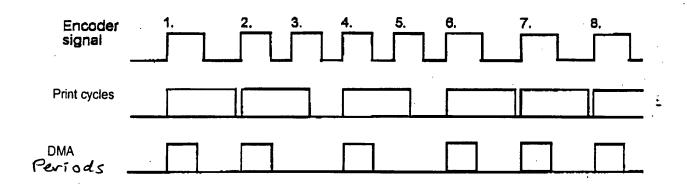


Fig. 1b

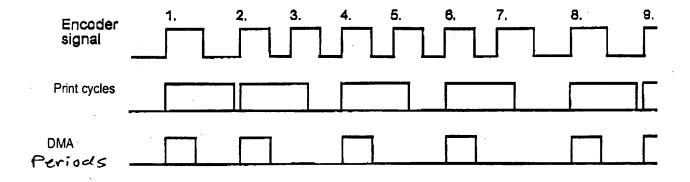


Fig. 1c

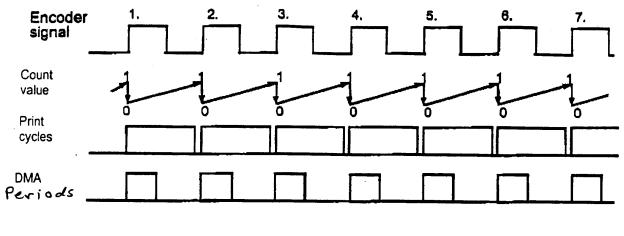


Fig. 1d

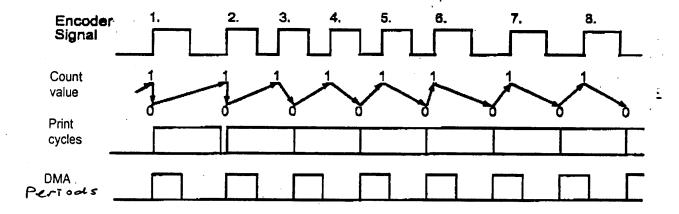


Fig. 1e

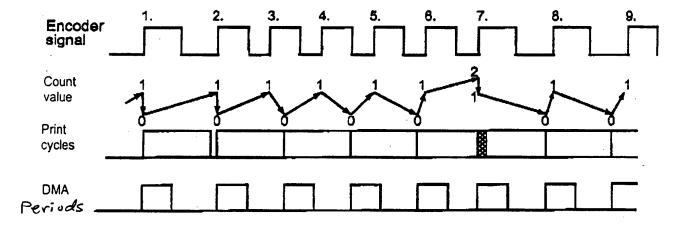


Fig. 1f

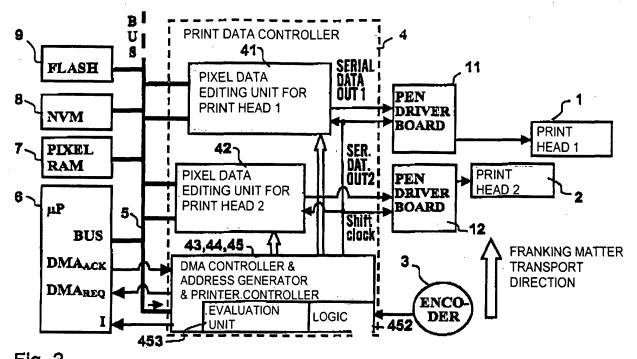


Fig. 2 TO UNIT 41 421-423 **PIXEL DATA** 5 1st BUFFER **EDITING UNIT FOR** E MEMORY FOR PRINT HEAD 2 PRINT HEAD 2 L U \mathbf{E} 8 C FLASH Sel-2.1 422 4247 T SERIAL 0 SHIFT 2nd BUFFER 8 DATA **REGISTER FOR** R **MEMORY FOR NVM** OUT 2 PRINT HEAD 2 **PRINT HEAD 2** 2 PIXEL SCL Sel-2,2 RAM to unit Sel-1,2 Sel-1.1 6 щP Shift Latch clack WR LD PS AR AW Select DMA-bysy BUS ADDRESS GENERATOR **\$0 DMA**_{ACK} Print 1 AG-ctart AG-bysy DMA SO DMA-bysy Print2 CONTROLLER **DMA**_{REQ} PRINTER CONTROLLER DMA-start LOGIC 44 -I 43 45 -452 ENCO 47. DER

Fig. 3

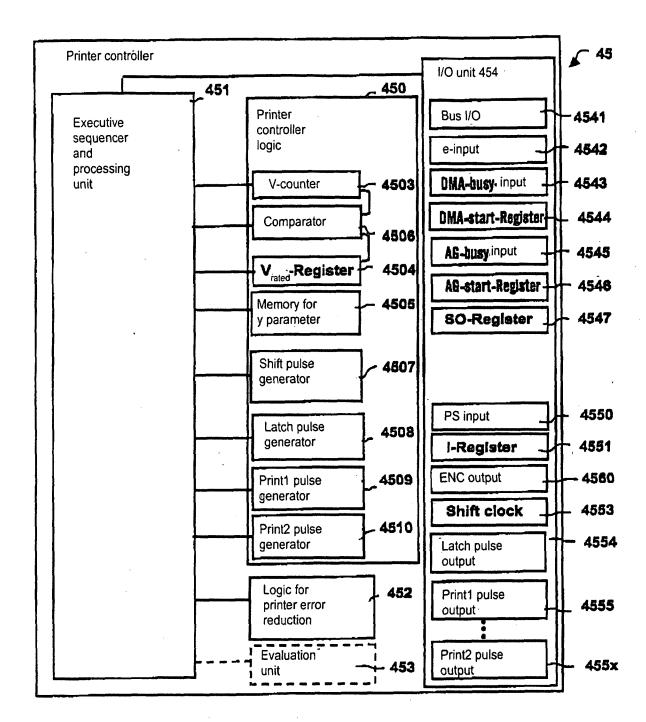
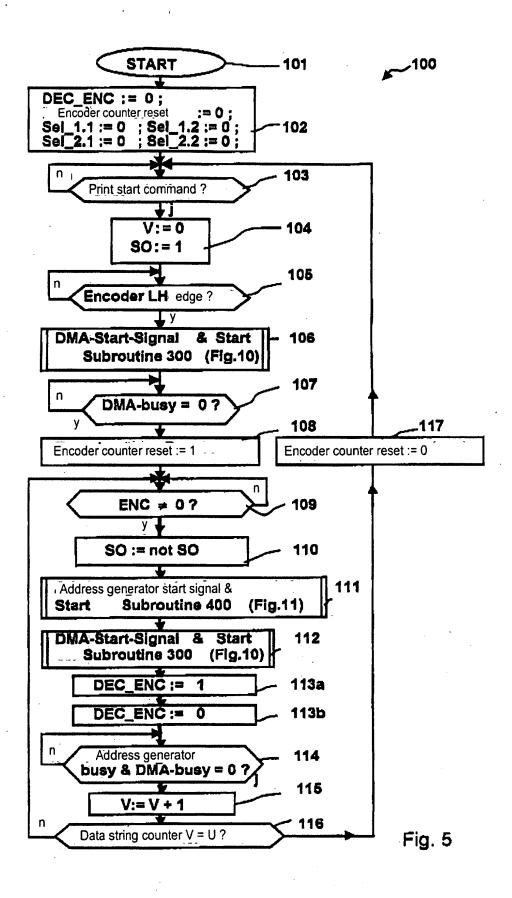


Fig. 4



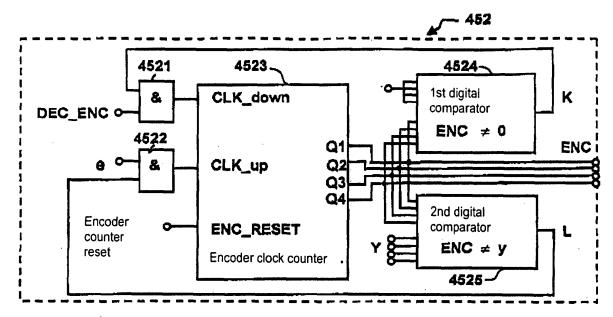


Fig. 6

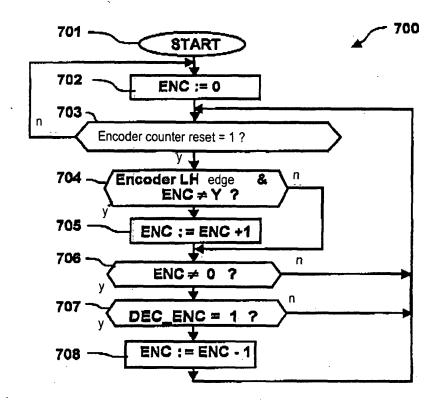


Fig. 7a

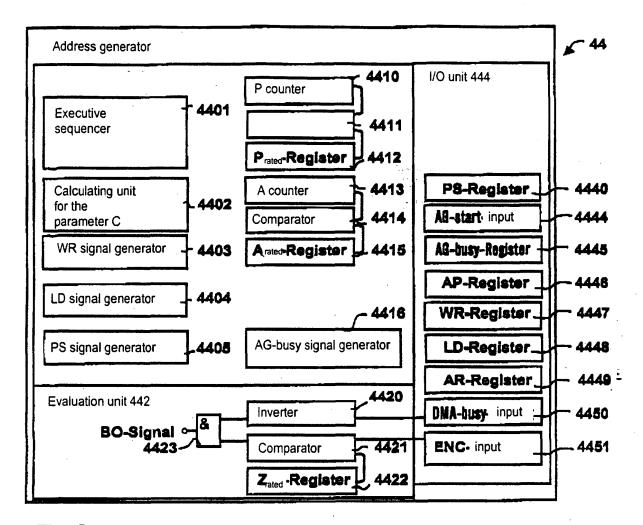


Fig. 8

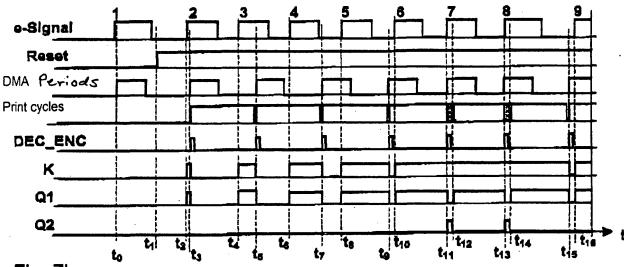


Fig. 7b

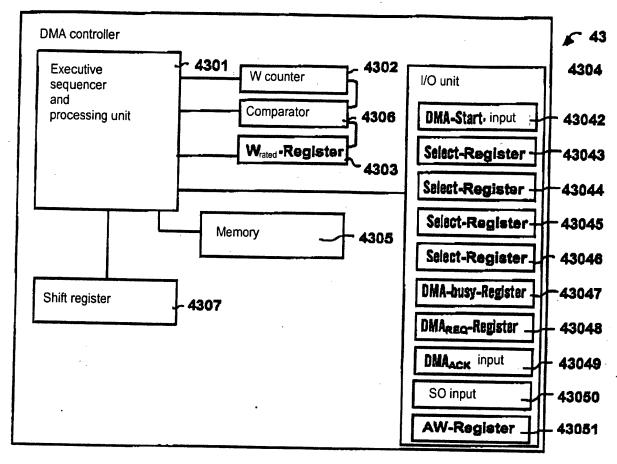


Fig. 9

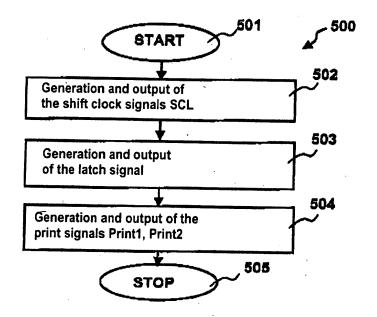
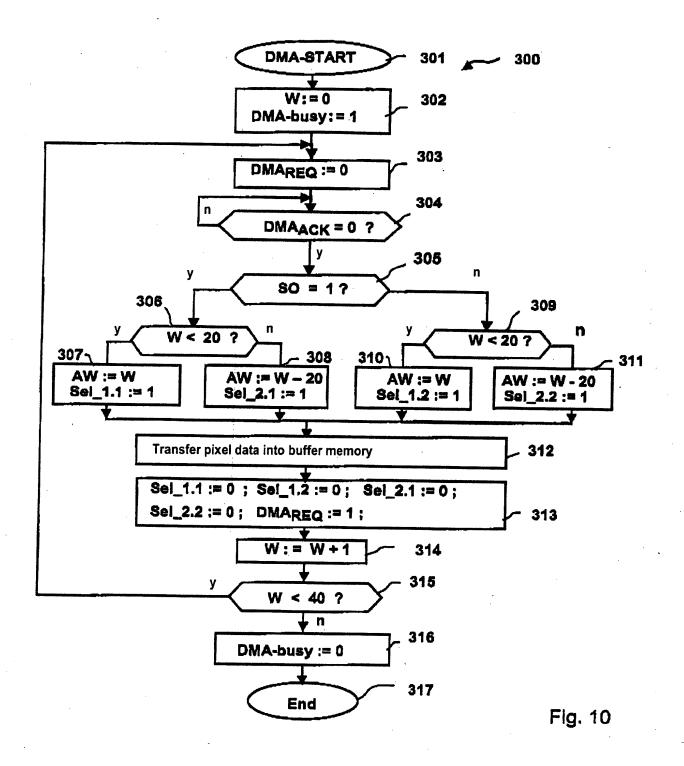


Fig. 13



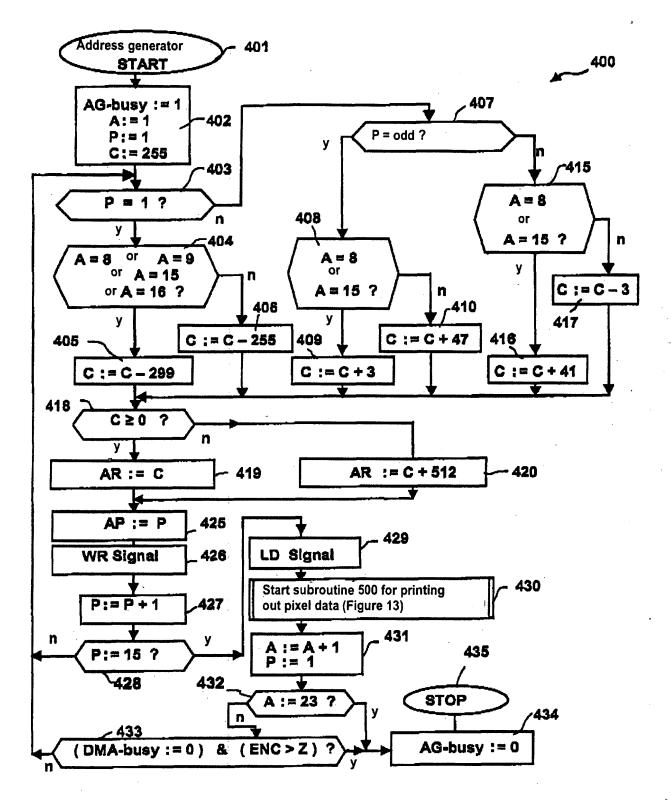


Fig. 11

Addrage						Address read	1	ပ ။						
primitiv:= P	P=1	P = 2	P=3	P=4	P = 5	P = 6	P=7	P = 8	P=9	P = 10	P = 11	P = 12	P = 13	P = 14
Address Group := A														
ν.	0	503	4	41	88	88	132	129	176	173	220	217	264	261
2	9	က	20	47	94	91	138	135	182	179	226	223	270	267
જ	12	6	99	53	100	97	144	141	188	185	232	229	276	273
4	18	15	62	29	106	103	150	147	194	191	238	235	282	279
Ĵ.	24	21	99	65	112	109	156	153	200	197	244	241	288	285
9	30	27	74	7.1	118	115	162	159	206	203	250	247	294	291
7	36		80	\mathcal{I}	124	121	168	165	212	209	256	253	300	297
œί	510	39	42	83	86	127	130	171	174	215	218	259	262	303
6 .	4	-	48	45	92	8	136	133	180	177	224	221	268	265
.10	10	7	\$	51	86	95	142	139	186	183	230	227	274	27.1
.11	16	13	09	25	104	101	148	145	192	189	236	233	280	277
.12	22	19	99	63	110	107	154	151	198	195	242		286	283
.13	28	25	72	69	116	113	160	157	204	201	248	245	292	289
.14	8	31	78	75	122	119	166	163	210	207	254		298	295
.15	508		40	81	84	125	128	169	172	213	216		260	301
.16	2	511	46	43	80	87	134	131	178	175	222	219	266	263
.17	8	S	52	49	96	93	140	137	184	181	228	225	272	269
18	14	1.	28	55	102	66	146	143	190	187	234	231	278	275
19	20	17	64	61	108	105	152	149	196	193	240	237	284	281
20	26	23	02	29	114	111	158	155	202	199	246	243	290	287
21	32	29	76	73	120	117	164	161	208	205	252	249	296	293
22	38	35	82	79	126	123	170	167	214	211	258	255	302	299

Fia. 12